

SPECIFICATIONS PURSUANT TO CT2.35# - DESIGNATION OF TIMBER, CUTTING UNIT  
BOUNDARIES AND SUBDIVISION BOUNDARIES

Timber Designation Table A

| Unit/<br>Subdivision | Tree<br>Paint<br>Color                   | Designation or Specification  |
|----------------------|--|---|
| <b>Sale Area</b>     | <b>Blue</b>                              | <b><u>Hazard Tree</u></b> . Notwithstanding BT2.32 all dead and unstable live trees (4" dbh and larger) which are leaning towards a road or are otherwise hazardous to a road, and are sufficiently tall to reach Purchaser's landings or the roadbed of National Forest System roads within Sale Area, shall be felled by Purchaser when marked in the specified paint color above and below stump height by Forest Service in advance of felling any other timber in the vicinity. Pieces meeting Utilization Standards from such dead and unstable live trees shall be removed unless Purchaser is notified in writing that removal would cause unacceptable damage to areas requiring special protection such as residual timber, roads, administrative sites, streamside management zones, and areas identified on Sale Area Map or on the ground. (For Designation by Description reference Special Provision CT2.353# - Designation by Damage Class) |
| <b>Sale Area</b>     | <b>Blue</b>                              | <b><u>Individual Tree Mark</u></b> . Individual trees are designated for cutting if marked above and below stump height with the specified paint color.   |
| N/A                  |  | <b><u>Leave Tree Mark</u></b> . All live < > are designated for cutting unless Marked as leave trees. Leave trees are Marked above and below stump height with the specified paint color. Sale Area Map indicates areas plainly identified on the ground where leave trees are Marked to be left uncut.   |
| N/A                  |  | <b><u>Wildlife Trees</u></b> . Notwithstanding the designation for cutting under BT2.31, BT2.33, BT2.34, or BT2.35, trees which are identified by standard Forest Service metal wildlife tree sign or painted with the specified paint color on the uphill and downhill side, shall be left uncut. In event such trees are destroyed in Purchaser's Operations, Forest Service may designate alternate trees to be saved.   |
| <b>Sale Area</b>     | <b>Pink,<br/>Brown,<br/>or<br/>Black</b> | <b><u>Marked Out Trees</u></b> . When it is necessary to delete previously marked trees, a unique tree marking paint color will be marked over or adjacent to the original mark, but will not obscure the original marking. Trees marked with the original marking paint color and the unique tree marking paint color are not Included Timber.   |
| N/A                  |  | <u>Designation by Spacing CT2.351#</u>  |
| N/A                  |  | <u>Designation by Species and Diameter, CT2.352#</u>  |
| <b>Sale Area</b>     |  | <b><u>Designation by Damage Class, CT2.353#</u></b>   |
| N/A                  |  | <u>Designation by Row Spacing, CT2.354#</u>   |

Subdivision Boundary Designation Table A

| Unit/<br>Subdivision | Tree Paint<br>Color | Designation or Specification   |
|----------------------|---------------------|--|
| <b>Sale Area</b>     | <b>Orange</b>       | Cutting unit boundaries (except along roads, private lines, & perennial streams) are designated with ORANGE tracer paint showing rectangular marks facing the adjacent boundary trees and into the unit. Boundary lines are also flagged with white flagging (except along roads). Hazard tree unit 4 is designated with ORANGE tracer paint at the beginning and end of the road showing vertical lines down to the ground and a rectangular mark facing into the unit. All boundary trees are painted above DBH with at least one stump mark at ground level. Corners of units where boundaries intersect with access roads are painted with the unit number. Painted boundary trees are not designated for cutting. |

CT5.31# – ROAD MAINTENANCE REQUIREMENTS. (7/01) Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

Contract Road Maintenance Requirements Summary Table

| Road        | Termini            |        | Miles | Applicable <b>Pre-haul</b> Road Maintenance Specifications |      |      |      |      |      |
|-------------|--------------------|--------|-------|--|------|------|------|------|------|
|             | From               | To     |       | T800   | T801 | T802 | T803 | T805 | T807 |
| <b>1S35</b> | Big Creek Shaft Rd | E.O.P. | 0.44  | P  | P    | P    | P    | P    | P    |
|             |                    |        |       |  |      |      |      |      |      |

| Road        | Termini            |        | Miles | Applicable <b>During Haul</b> Road Maintenance Specifications |      |      |      |      |      |
|-------------|--------------------|--------|-------|---|------|------|------|------|------|
|             | From               | To     |       | T800  | T801 | T802 | T803 | T805 | T806 |
| <b>1S35</b> | Big Creek Shaft Rd | E.O.P. | 0.44  | P   | P    | P    | P    | P    | P    |
|             |                    |        |       |   |      |      |      |      |      |

| Road        | Termini            |        | Miles | Applicable <b>Post Haul</b> Road Maintenance Specifications |      |      |      |      |      |      |      |
|-------------|--------------------|--------|-------|---|------|------|------|------|------|------|------|
|             | From               | To     |       | T800  | T801 | T802 | T803 | T804 | T805 | T808 | T809 |
| <b>1S35</b> | Big Creek Shaft Rd | E.O.P. | 0.44  | P   | P    | P    | P    | P    | P    | P    | P    |
|             |                    |        |       |   |      |      |      |      |      |      |      |

E.O.P. = End of Project.

P = Purchaser Performance Item. D = Deposit to Forest Service. D3 = Deposit to Third Party

**T-806 DUST ABATEMENT PLAN (CT5.31)**

| Road Number                           | Termini |    | Material Type <sup>1</sup> | Application Rates <sup>1</sup> | Preparation Method T803 |
|---------------------------------------|---------|----|----------------------------|--------------------------------|-------------------------|
|                                       | From    | To |                            |                                |                         |
| All Native or Aggregate Surface Roads |         |    | Water                      | As Needed to Abate Dust        | T-803 As Needed         |

**NOTES:**

1. The number of water applications per day and the rate of application shall be as required to abate dust.
2. Where watering is designated, initial and subsequent applications are estimated at 0.5 GAL/SQ YD. A minimum of one complete watering per day is required for volumes up to 50 MBF. For volumes exceeding 50 MBF per day, additional water will be applied as needed to abate dust. Water draft sites on fish-bearing streams must have a minimum flow of 1.5 CU FT per second to allow water drafting.
3. Armor road approaches as necessary from the end of the approach nearest a stream for a minimum of 50 feet, or to the nearest drainage structure (e.g. waterbar or rolling dip) or point where drainage does not drain toward the stream
4. Check all water-drafting vehicles daily and repair as necessary to prevent leaks of petroleum products from entering protected stream management zone. Water-drafting vehicles will contain petroleum spill kits. Dispose of absorbent pads according to Hazardous Response Plan.
5. Use a screened intake device and pumps with low entry velocity and suction strainers with screen less than 2mm (1/8 in) in size to minimize removal of aquatic species, including juvenile fish, amphibian egg masses and tadpoles, from aquatic habitats. The suction strainer shall be inserted close to the substrate in the deepest water available. Place strainer in a canvas bucket to avoid substrate and aquatic species disturbance when stream flow approaches 1.5 Cu.Ft. per sec. A drafting box measuring 2 feet on all sides covered in a maximum of 0.25 inch screening is required.
6. If portable pump is used for stream drafting, place pump in containment pan. Spill pads shall be used for fueling in stream management zone (smz). Fuel shall be stored outside of smz.
7. Avoid water sources in developed recreation sites while facilities are open to public use.
8. Water drafting by more than one truck at a time at the same site is prohibited.
9. Water Source Drafting Flow Requirements

**Fish Bearing Streams:**

Do not exceed 350 gallons per minute for streamflow greater than or equal to 4.0 cubic feet per second (cfs); do not exceed 20% of surface flows below 4.0 cfs; and, cease drafting when bypass surface flow drops below 1.5 cfs.

**Non-Fish Bearing Streams:**

Do not exceed 350 gallons per minute for streamflow greater than or equal to 2.0 cfs; do not exceed 50% of surface flow; and, cease drafting when bypass surface flow drops below 10 gallons per minute. Water sources designed for permanent installation, such as piped diversions to off-site storage, are preferred over temporary, short-term-use developments. Locate water drafting sites to avoid adverse effects to in-stream flows and depletion of pool habitat.

| Fish Bearing Streams |       |                              |                             |
|----------------------|-------|------------------------------|-----------------------------|
| CFS                  | GPM   | Drafting cannot exceed (GPM) | Time to fill 1000 Gal (Min) |
| >4                   | >1800 | 350                          | 3                           |
| 3.5                  | 1575  | 315                          | 3                           |
| 3                    | 1350  | 270                          | 4                           |
| 2.5                  | 1125  | 225                          | 4                           |
| 2                    | 900   | 180                          | 6                           |
| 1.5                  | 675   | 135                          | 7                           |
| <1.5                 | <675  | Cease Drafting               |                             |

| <b>Non-Fish Bearing Streams</b> |            |   |  |
|---------------------------------|------------|---|--|
| <b>CFS</b>                      | <b>GPM</b> | <b>Drafting cannot exceed<br/>(GPM)</b> | <b>Time to fill 1000 Gal<br/>(Min)</b> |
| >2                              | >900       | 350                                     | 3                                      |
| 1.5                             | 675        | 338                                     | 3                                      |
| 1                               | 450        | 225                                     | 4                                      |
| 0.9                             | 405        | 203                                     | 5                                      |
| 0.8                             | 360        | 180                                     | 6                                      |
| 0.7                             | 315        | 158                                     | 6                                      |
| 0.6                             | 270        | 135                                     | 7                                      |
| 0.5                             | 225        | 113                                     | 9                                      |
| 0.4                             | 180        | 90                                      | 11                                     |
| 0.3                             | 135        | 68                                      | 15                                     |
| 0.2                             | 90         | 45                                      | 22                                     |
| 0.1                             | 45         | 23                                      | 44                                     |
| 0.09                            | 41         | 20                                      | 49                                     |
| 0.08                            | 36         | 18                                      | 56                                     |
| 0.07                            | 32         | 16                                      | 63                                     |
| 0.06                            | 27         | 14                                      | 74                                     |
| 0.05                            | 23         | 11                                      | 89                                     |
| 0.04                            | 18         | 9                                       | 111                                    |
| 0.03                            | 14         | 7                                       | 148                                    |
| 0.0222                          | 10         | 5                                       | 200                                    |
| <0.0222                         | <10        | Cease Drafting                          |  |

## SPECIFICATIONS PURSUANT TO CT5.35# - REQUIREMENTS OF ROAD AND WATER SUPPLY USE

TABLE A

| <b>Load Limitations</b>                          | <p>Purchaser shall notify Forest Service in writing of the planned size and load distribution for equipment which exceeds the State of California Vehicle Code legal size and weight, and the National Forest System roads to be used. Such notice may be part of plan of operation. Within <u>15</u> days after receipt of the written notice Forest Service shall notify Purchaser in writing of any regulations or restrictions that may be needed to protect National Forest Transportation Facilities.</p> <p>A written permit shall be required for moving any vehicle which is in excess of the established legal size and weight which is not listed in the above plan, except as may be authorized in prior written agreements.</p>  |           |            |                 |          |                 |           |            |                 |  |  |  |  |  |
|--|---|-----------|------------|-----------------|----------|-----------------|-----------|------------|-----------------|--|--|--|--|--|
| <b>Existing Non-National Forest System Roads</b> | <p>Roads not shown on Sale Area Map may be used as Temporary Roads if there is agreement before use is started.</p>   |           |            |                 |          |                 |           |            |                 |  |  |  |  |  |
| <b>Snow Removal</b>                              | <p>If Purchaser removes snow from roads, such work shall be done with Forest Service approval and in a manner that will protect roads and adjacent resources.</p> <p>Snow berms shall be removed or placed to avoid accumulation of melt water on the road and prevent water concentration on erosive slopes or soils.</p> <p>Snow must not be removed to the road surface. A minimum <u>6</u> inch snow depth must be left to protect the roadway. If the road surface is damaged, Purchaser shall replace lost surface material and repair structures damaged in blading operations prior to hauling, unless climatic conditions prevent necessary work from being accomplished or as otherwise agreed in writing.</p> <p>Single lane roads shall be plowed full width including turnouts. In event double lane roads are not plowed to full width, warning signs shall be required and plowing shall be no less than single lane (12 feet) with intervisible turnouts.</p> |           |            |                 |          |                 |           |            |                 |  |  |  |  |  |
| <b>Water Sup Dep.</b>                            | <p>If Purchaser utilizes the water site located <u>&lt;N/A&gt;</u>, for any listed activity, Purchaser shall make deposit with Forest Service for that activity at the time and in the amount shown in the Water Supply Deposit Schedule table below.</p> <p style="text-align: center;">WATER SUPPLY DEPOSIT SCHEDULE</p> <table> <tr> <th>Activity</th><th>Unit of Payment</th><th>Unit Cost</th><th>Total Cost</th><th>Time of Payment</th></tr> <tr> <td></td><td></td><td></td><td></td><td></td></tr> </table>  |           |            |                 | Activity | Unit of Payment | Unit Cost | Total Cost | Time of Payment |  |  |  |  |  |
| Activity   | Unit of Payment   | Unit Cost | Total Cost | Time of Payment |          |                 |           |            |                 |  |  |  |  |  |
|  |   |           |            |                 |          |                 |           |            |                 |  |  |  |  |  |

# Big Creek Fire Salvage Reoffer

|   |  |             |           |              |             |
|---|--|-------------|-----------|--------------|-------------|
| <b>Surface Replacement Deposits</b>     | Page 34b   |             |           |              |             |
|   | <p>Purchaser shall make Required Deposits for deferred surface replacement (16 U.S.C. 537) for use of existing surfaced roads. If applicable, such deposits shall be based upon the volume and distance hauled on the roads and at the applicable rates listed in the table below titled Surface Replacement Deposit Schedule. If Purchaser uses surfaced roads under jurisdiction of Forest Service other than those listed, Forest Service may establish applicable rates for such surfaced roads.</p> |             |           |              |             |
|   | <p><u>SURFACE REPLACEMENT DEPOSIT SCHEDULE</u></p>   |             |           |              |             |
|   | <p>Road No.</p>  | <p>From</p> | <p>To</p> | <p>Miles</p> | <p>Rate</p> |
|   | <p><b>N/A</b></p>  |             |           |              |             |
| <p>Total ..... 0.0 ..... \$0.00/ccf</p> |  |             |           |              |             |

Specifications Pursuant to CT6.22# – Protection of Improvements, Table A.

| <u>Improvement</u>   | <u>Owner's or Permittee's Name</u> | <u>Timing</u>  | <u>Specifications</u> | <u>Work and Cost of Removal or Relocation Borne by</u> |
|--|------------------------------------|--|-----------------------|--|
| Rangeland Infrastructure (fences, gates, water developments, cattleguards) | Various                            | Prior to felling operations adjacent to infrastructure     |                       | Purchaser  |
| Distribution Lines   | Pacific Gas & Electric Company     | Prior to felling operations adjacent to distribution lines |                       | Purchaser  |



SCHEDULE PURSUANT TO CT6.315# - SALE OPERATIONS SCHEDULE (8/2006), Table A

| <u>Unit/Area</u>         | <u>Conditions of Operation</u>   | <u>Purpose</u>                                     |
|--------------------------|--|--|
| CA-3 on Sale<br>Area Map | No operations (with the exception of the hauling of products, road reconstruction and road maintenance) from March 1 to August 15  | Avoid disturbance to nesting spotted owls          |
| Sale Area                | No operations (with the exception of loading, hauling of products, and dust abatement) within 1/4 mile of occupied residences from 7 p.m. to 7 a.m. any day of the week                            | Avoid disturbing occupants of permanent residences |
| Sale Area                | Included Timber must be removed from the Sale Area within:<br>-Four weeks of felling from 3/01 to 6/30.<br>-Six weeks of felling from 7/01 to 9/30.<br>-Eight weeks of felling from 10/01 to 12/31 | Control of slash breeding insect                   |

SPECIFICATIONS AND TREATMENTS PURSUANT TO CT6.41# - FELLING, BUCKING AND  
LIMBING

TABLE A

| <u>Treatment Method</u>              | <u>Felling, Bucking and Limbing Specifications</u>   |
|--------------------------------------|--|
| Limbing                              | Outside of construction clearings, Clear-cutting Units and regeneration units, unless otherwise provided by BT6.414, Purchaser shall, prior to skidding/yarding operations, cut exposed limbs from products which are to be skidded/yarded. Such limbing of stems shall be done to a top diameter of approximately <u>8</u> inches at which point the top shall be cut from the remainder of the stem. (See <u>Whole Tree Yarding Specifications</u> Below).   |
| No Lop<br>"No Lop"                   | N/A  |
| <b>Whole Tree Yarding</b><br>"Whole" | Notwithstanding the requirements above, within units or payment units designated "Whole" on Contract Area Map, trees smaller than <u>18</u> inches DBH shall be skidded/yarded to agreed landing locations prior to limbing, bucking, and lopping. Trees larger than or equal to <u>18</u> inches DBH shall be bucked into two or more pieces with the butt portion being no longer than <u>41</u> feet prior to skidding/yarding. The butt log shall be limbed prior to skidding/yarding.   |
| <b>Directional Felling</b><br>"DF"   | Within areas designated DF on Sale Area Map, Included Timber shall be directionally felled away from <u>lava caps, meadows, hardwoods, fences, gates, cattle guards, distribution lines, survey monuments, controlled areas, reserve trees, sensitive plants, noxious weeds, streamcourses, NFS trails and other ownership</u> with the use of specialized equipment. Such directional felling shall not be required when in the faller's judgment it is unsafe to do so, and shall be left standing.  |
| Treatment of Stumps                  | <p>Within areas shown on Sale Area Map, Purchaser shall treat stumps of <u>n/a</u> equal to or greater than 14 inches stump diameter, (measured inside bark) unless otherwise agreed in writing. Treatment shall be with a borate compound registered by EPA in the State of California for prevention of annosus root disease.</p> <p>Treatment shall consist of removal of sawdust and other loose debris from the cut surface of the stump and application of a thin layer of the borate compound uniformly over the entire cut surface, including exposed wood surfaces on the stump sides, at the rate specified on the product label. Any surface irregularities on the stump preventing application of a uniform layer of borate compound shall be cut level prior to treatment. Unless waived in writing, Purchaser shall also apply an approved colorant mixed with the borate compound to insure complete coverage. Treatment should be done as soon as possible but shall be completed no later than 6 hours after felling, otherwise stumps shall be re-cut and treated.</p> |

Purchaser shall not apply borate compound during heavy rain fall or when such precipitation rate is predicted within 24 hours of application to cause borate compound to be flushed off the stump and become ineffective, in that case treatment shall be reapplied. Application shall be completed within 24 hours of the precipitation having ceased. Borate compound also shall not be applied to stumps located within 10 feet of live streamcourses and meadows/wetlands shown on Sale Area Map.

Purchaser shall provide the borate compound and colorant and apply it in compliance with the State of California laws and regulations pertaining to pesticides and pest control operations. Borate compound storage shall be located such that any spillage will not contaminate water. All spills shall be promptly cleaned up and spilled material disposed of according to the product label. All spills occurring in water or over 0.1 pounds shall be reported to Forest Service within 4 hours.

Purchaser shall submit at the end of each month a "Monthly Summary of Pesticide Use Reports" to the appropriate County Agricultural Commissioner with a copy to the District Ranger.

**Maximum Log Length**

Cut trees shall be bucked prior to skidding so that resulting logs shall not exceed the maximum log length including trim allowance shown in following table:

| Unit Number                                 | Maximum Log Length |
|---|--------------------|
| See Whole Tree Yarding Specifications Above | 41                 |
|   |                    |

**Minimum Stump Height**

| Payment Units | Minimum Stump Height (inches) | Purpose or Reason |
|---------------|-------------------------------|-------------------|
| Sale Area     | 1.0                           | Accountability    |

Ground-Based Skidding Table - CT6.42#, Table A

| Map Symbol   | Requirements  |
|--------------|---|
| <b>TRAC</b>  | <p>Skid road pattern shall be agreed in advance of felling and main skid roads shall be flagged on the ground in advance of felling. Purchaser shall stage-log by felling and skidding Included Timber in two or more separate operations when necessary to prevent undue damage to the resources or residual stand. Needed tractor trails shall be constructed in advance of skidding.</p> <p>Products shall be end-lined as needed to protect resources or residual timber from unnecessary damage. The number of chokers shall be limited as necessary to avoid unnecessary damage to resources or residual timber. By agreement, tractors may be used to separate products to prevent stain.</p>  |
| <b>SUSP</b>  | Products shall be skidded with leading end clear of ground.   |
| <b>SPACE</b> | Skid roads will average <u>132</u> feet from center to center, except where converging.   |
| <b>ENDL</b>  | Endlining shall not be required for distances in excess of <u>75</u> feet uphill, and <u>100</u> feet downhill.   |
| <b>MAX</b>   | Tractors used for skidding outside Clearcutting Units, regeneration units or other authorized clearings, shall be of the type (rubber-tired or track-laying) shown on the Sale Area Map and shall not exceed the overall width designated on Sale Area Map.   |
| <b>MH</b>    | <p>Purchaser shall cut Included Timber and move it to designated skid trails using equipment with a boom having an operating radius of at least <u>20</u> feet for bunching trees, capable of severing, lowering and placing trees up to <u>24</u> inches diameter at stump height on the ground prior to skidding. Such equipment must be capable of operating on slopes up to <u>45</u> %.</p> <p>Notwithstanding above, hand felling using chainsaws may be required in or adjacent to sensitive areas to protect resources from unnecessary damage.</p> <p>Trees which exceed capability of specified equipment may be felled, bucked and skidded in a manner consistent with the requirements of BT6.41 - Felling and Bucking, CT6.41# - Felling, Bucking, and Limbing Requirements and the above "TRAC", "SUSP", "SPACE", "ENDL", and "MAX" requirements.</p> |

Specifications Pursuant to CT6.6# - Erosion Prevention and Control, Table A

Vegetative Soil Stabilization: Where soil has been disturbed by Purchaser's Operations and the establishment of vegetation is needed to minimize erosion, Purchaser shall take appropriate measures normally used to establish an adequate cover of grass or other vegetation acceptable to Forest Service or take other agreed stabilization measures. Forest Service shall designate on the ground such disturbed areas annually as logging and Temporary Road construction are completed.

Forest Service upon request shall provide advice as to soil preparation and the application of suitable seed mixtures, mulch and fertilizer and the timing of such work. In no event shall Purchaser be required to treat more acres than that shown in the legend of Sale Area Map.

Purchaser shall use the type of native seed mixtures, mulch, and fertilizer as listed below:

| Seed Mix | Pounds/Acre | Type of Mulch | Fertilizer |
|----------|-------------|---------------|------------|
| N/A      |             |               |            |
|          |             |               |            |
|          |             |               |            |

**Special Erosion Prevention Measures:** Purchaser shall give adequate treatment by spreading slash or wood chips or by agreement giving other treatment to portion of tractor roads, skid trails, landings, cable yarding corridors, tractor-end lined corridors and Temporary Road fills where necessary to supplement other erosion prevention measures required elsewhere in this contract. In no event shall Purchaser be required to treat more acres than that shown in the legend of Sale Area Map. The specific locations to be treated shall be designated on the ground by Forest Service. These special erosion prevention measures are to be done within the same date and time periods as stated above.

Soil Scarification: N/A.

Backblading: N/A.

**Tillage** In addition to meeting the requirements of BT6.64, unless otherwise agreed in writing, tillage shall be required on the areas listed in the following table.

Tillage shall be accomplished by equipment that will lift and fracture the soil by vertical and lateral shattering, leaving soil loosened through the full width and depth of the compacted layer with the topsoil remaining substantially in place rather than being inverted.

Tillage depth is shown in the following table. Agreement in writing may be made to a lesser depth if rocks or other limiting site conditions are encountered.

Tillage shall be limited to periods when soil dryness will result in crumbled soil, avoiding the formation of large clods. Purchaser and Forest Service shall agree in writing on the timing of completion of such work to coordinate with desirable soil moisture conditions.

| Areas to Till                              | Tillage Depth<br>(Inches) | Maximum Acres<br>to Treat |
|--|---------------------------|---------------------------|
| Landings                                   | 24                        | 4                         |
| Main Skid Road and Tractor Roads <u>1/</u> | 18                        | 7                         |
| Temporary Roads <u>1/</u>                  | 24                        | 2                         |

1/ On slopes greater than 15% apply organic mulch cover (slash, weed-free straw mulch, masticated material, etc.) to waterbar outlets and to the skid trail/temporary road footprint if subsoiling alone may lead to erosion. Achieve 50-60% cover on skid trails when possible (if sufficient timber sale material is present).

## SPECIFICATIONS PURSUANT TO CT6.7# - SLASH TREATMENT (8/2006), Table A

Specified slash treatment methods shall be shown on Sale Area Map or listed in the following tables by the following symbols:

## Slash Treatment Methods

| Symbol            | Method                                    | Definition  |
|-------------------|---|---|
| Chip<br>(4/15/14) | "Chipping"                                | Upon written agreement by Forest Service, portions of tree boles meeting Non-Sawtimber product specifications but not meeting Sawtimber product specifications in A2 shall be processed through a chipping machine or by mastication. Chips shall be scattered to a loose depth not exceeding <u>6</u> inches, or masticated pieces shall be no longer than <u>4</u> feet in length and scattered to a loose depth not exceeding <u>12</u> inches.  |
| <b>Deck</b>       | <b>"Decking"<br/>large<br/>material</b>   | Logging Slash <u>10</u> inches or larger in large end d.o.b. and longer than <u>10</u> feet or more in length shall be Decked for disposal by Forest Service by piling pieces parallel to each other.   |
| <b>Mach</b>       | <b>"Machine<br/>Piling"</b>               | Concentrations of Logging Slash, excluding scattered individual pieces, shall be Machine Piled by tractor equipped with brush rake for disposal by Forest Service.  |
| <b>Pile</b>       | <b>"Piling"<br/>small<br/>material</b>    | Logging Slash smaller than <u>10</u> inches in large end d.o.b. and shorter than <u>10</u> feet long shall be hand Piled for disposal by Forest Service.  |
| <b>Stack</b>      | <b>"Stacking"<br/>small<br/>material"</b> | Logging Slash <u>8</u> inches or smaller in large end d.o.b. and <u>8</u> feet or more in length shall be stacked for disposal by Forest Service by piling pieces parallel to each other.   |
| Remove            | "Removing"                                | Logging Slash shall be moved or hauled to locations shown on Sale Area Map and designated on the ground where it shall be piled for disposal by Forest Service.   |
| <b>Scat 18"</b>   | <b>"Scattering"</b>                       | Logging Slash shall be scattered to reduce slash concentrations with slash being generally left within <u>12</u> inches of the ground as shown on Sale Area Map. Logging Slash shall be scattered into openings away from and without unnecessary damage to residual trees. All scattered logs shall be limbed, placed away from trees and positioned so they will not roll. When Scattering is specified, another method may be used by agreement.   |
| View              | "Visible<br>Slash<br>Treatment"           | Designated on Sale Area Map are "View Areas" with distance limitations (200 Feet) for visible slash treatment. Within such units and the area of visible Logging Slash adjacent thereto, Logging Slash shall be treated by Purchaser. Primary treatment shall be by Removing, Chipping, Piling, Machine Piling, or a combination of these means unless a method is specified or prohibited on Sale Area Map. Logging Slash not readily treated by the selected or specified method shall be removed to designated areas or treated as agreed. |

# Big Creek Fire Salvage Reoffer

| <b>Cover</b> | <b>"Covering Piles"</b>                      | <div>Page 46b</div> <p>All piles shall be covered with a durable waterproof covering as approved by Forest Service. The material shall be at least <u>6</u> feet in width. Piles shall not be less than fifty percent covered, with the covering extending not less than half way down all sides. Pieces of burnable material shall be placed on top of the durable waterproof covering to keep the covering from blowing off the pile.</p>   |      |                       |               |           |  |  |  |  |  |
|--------------|--|---|------|-----------------------|---------------|-----------|--|--|--|--|--|
| <b>Fell</b>  | <b>"Damaged Small Trees"</b>                 | <p>Unless treated under other provisions, all trees smaller than the minimum d.b.h. in A2, over <u>5</u> feet in height, and damaged beyond recovery by Purchaser's Operations shall be felled. Such trees shall be limbed to a stem diameter outside bark of approximately <u>3</u> inches, at which point the top shall be cut from the remainder of the stem, and shall be bucked into lengths not exceeding <u>20</u> feet.</p>   |      |                       |               |           |  |  |  |  |  |
| YUMD         | <b>"Yarding Unutilized Material-Decking"</b> | <p>All unutilized material developed by Purchaser's Operations shall be treated by the d.o.b. and length specifications as shown in the unit specification table. All unutilized material shall be Yarded to landings and Decked. Where this is impractical, or other reasons, other locations shall be agreed upon.</p> <table border="1" data-bbox="561 932 1260 1054"> <tr> <th data-bbox="561 932 794 989">Unit</th><th data-bbox="794 932 1026 989">Large End d.o.b. (in)</th><th data-bbox="1026 932 1260 989">Length (feet)</th></tr> <tr> <td data-bbox="561 989 794 1024">Sale Area</td><td data-bbox="794 989 1026 1024"></td><td data-bbox="1026 989 1260 1024"></td></tr> <tr> <td data-bbox="561 1024 794 1054"></td><td data-bbox="794 1024 1026 1054"></td><td data-bbox="1026 1024 1260 1054"></td></tr> </table> | Unit | Large End d.o.b. (in) | Length (feet) | Sale Area |  |  |  |  |  |
| Unit         | Large End d.o.b. (in)                        | Length (feet)   |      |                       |               |           |  |  |  |  |  |
| Sale Area    |  |   |      |                       |               |           |  |  |  |  |  |
|              |  |   |      |                       |               |           |  |  |  |  |  |



**PILING SPECIFICATIONS.** All piles shall be reasonably compact and free of soil to facilitate burning and shall be constructed of such size and at such distance from trees so that burning shall not result in unnecessary damage to residual timber. Such Logging Slash shall be bucked into lengths not exceeding 10 feet prior to piling. Maximum width of tractor, with brush rake attached, shall not exceed n/a inches. Machine Piling is not required on areas where use of tractors would cause undue damage to residual timber or where slopes exceed 25 percent. Piles shall be located a distance of at least twice their height in feet from the outer edge of tree crowns or snags. Piles shall be no less than 4 feet in height or greater than 6 feet in height. Material extending three feet or more outside the edge of a pile shall be trimmed. An 8 foot fuelbreak shall be cleared of all but fine material around each Machine Pile and an 18 inch wide fireline shall be cleared to mineral soil around the outer ring of the fuelbreak. For hand piles, Purchaser shall construct a fireline cleared to mineral soil and at least 3 feet wide around each pile. In areas where there is a potential for burning material to roll, firelines, including those for Machine Piles, shall be trenched on the downhill side of each pile to adequately prevent material from crossing firelines. Trenches shall be constructed by hand unless otherwise agreed. In addition to trenching, material shall be piled perpendicular to the slope to prevent it from rolling.

**UNIT NUMBER. SLASH TREATMENT SPECIFICATIONS.**

|                         | <i>SLASH TREATMENT</i>  |                          |
|-------------------------|-------------------------|--------------------------|
| <i>Cutting Unit No:</i> | <i>Specified Method</i> | <i>Prohibited Method</i> |
| Sale Area               | Scat 18", Fell          | Mach                     |
|                         |                         |                          |

**LANDINGS AND DISPOSAL SITES.** Unutilized logs accumulated at landings and disposal sites shall be Decked by Purchaser for disposal by Forest Service. The maximum height of decks is shown in the following table. Other slash accumulated at landings and disposal sites shall be kept separate from unutilized logs and treated by the method shown in the following table.

|          |                 | <i>SLASH TREATMENT</i>         |                          |
|----------|-----------------|--------------------------------|--------------------------|
|          | <i>Unit No.</i> | <i>Specified Method</i>        | <i>Max. Ht. of Decks</i> |
| Landings | Sale Area       | Mach, Pile, Stack, Deck, Cover | 10                       |

**TREATMENT ALONG PERMANENT ROADS** Permanent roads that require roadside slash treatment are listed in the attached table and shown on Sale Area Map. All Logging and Construction Slash within Required Disposal Strips shall be treated by Purchaser. "Required Disposal Strips" are those areas adjacent to permanent roads where slash treatment is required for resource objectives. The width of Required Disposal Strips is shown in the attached table and is measured in slope distance from Roadbed edges of permanent roads. By agreement, in Clearcutting Units and regeneration units slash from Required Disposal Strips may be treated with other Logging Slash. By agreement the location of Required Disposal Strips may be adjusted from side to side without materially changing the total work required.

Slash treatment in Required Disposal Strips shall be accomplished without affecting the proper functioning of channels leading to and from drainage structures.

Logging Slash larger than treatment size requirements of the specified method shall either be Scattered outside Required Disposal Strip, within Required Disposal Strip or Decked at agreed locations as shown in the attached table.

|   |                        |  | <b><i>SLASH TREATMENT</i></b>  |   |
|---|------------------------|--|--------------------------------|---|
| <b><i>Road No.</i></b>                              | <b><i>Unit No.</i></b> | <b><i>Width of Required Disposal Strip</i></b> | <b><i>Specified Method</i></b> | <b><i>Slash Larger Than Treatment Size Requirements of Specified Method</i></b> |
| Forest Service Roads, County Roads, & Private Lines | Sale Area              | 50 feet  | Mach or Pile                   | N/A   |
| Hwy 120   | 2,3                    | 100 feet                                       | Mach or Pile                   | N/A   |

**TREATMENT ALONG TEMPORARY ROADS.** Outside of Clearcutting Units or regeneration units, all trees felled or pushed over and trees damaged beyond recovery by Temporary Road construction shall be felled, limbed to a stem d.o.b. of approximately 3 inches, at which point the top shall be cut from the remainder of the stem, and stem shall be bucked into lengths not exceeding 20 feet. Such slash shall be Scattered free of soil to reduce concentrations unless treatment is required by another specified method.

ADDITIONAL SLASH TREATMENT REQUIREMENTS. Within areas shown on Sale Area Map, Purchaser shall perform work according to the specifications in the attached Table, unless otherwise agreed in writing.

| Subdivision, Payment Units, Roads and or Road Segments | Additional Slash Treatment Requirements   |
|--|---|
| <b>N/A</b>   | <p>Yard all stem material to a top d.o.b. of <u>1</u> inch, from timber designated for cutting, with the following exception: broken portions of logs and tops less than <u>4</u> feet in length need not be yarded.</p> <p>Broken ends of merchantable logs shall not be bucked off in the units.</p> <p>Slash and Substandard Material accumulated at the landings shall be Decked or Machined Piled, in accordance with specifications above.</p> <p>Material accumulated at landings shall be considered as Timber Subject to Agreement under CT2.11#, described as Substandard Material and may be removed and paid for at Purchaser's option.</p> |

ASSISTANCE IN SLASH BURNING. If Forest Service requests, Purchaser shall furnish equipment and equipment operators to assist in preparation for slash burning at agreed times prior to the normal slash burning season in the area.

Purchaser shall furnish equipment and equipment operators for burning and mop-up when requested. The amount and kind of equipment requested shall be that normally used in slash treatment work and reasonably available under the existing equipment organization of Purchaser. Forest Service shall reimburse Purchaser for such work at rates common in the area or at previously agreed rates.

Tree Volume (based on original cruise tree data)  
(Volume in Cubic Feet - CF)

CT6.8-2# - Measuring Option 2

Table A

| DBH | <u>IC</u> | <u>PP</u> | <u>SP</u> |
|-----|-----------|-----------|-----------|
| 12  | ---       | 15.89     | ---       |
| 13  | ---       | 19.93     | ---       |
| 14  | ---       | 24.58     | ---       |
| 15  | 7.43      | 29.89     | ---       |
| 16  | 15.82     | 35.88     | ---       |
| 17  | 24.09     | 42.60     | ---       |
| 18  | 32.22     | 50.09     | ---       |
| 19  | 40.22     | 58.38     | ---       |
| 20  | 48.09     | 67.50     | ---       |
| 21  | 55.82     | 77.50     | ---       |
| 22  | 63.42     | 88.42     | 90.25     |
| 23  | 70.89     | 100.28    | 95.87     |
| 24  | 78.23     | 113.12    | 102.67    |

**CT7.2# - Specific Equipment Requirements and Fire Precautionary Measures, Table A**

|  |  |
|--|--|
| <u>A. Fire Tools and Equipment</u>     | <p>Purchaser shall meet applicable parts of Section 4428 of the CPRC.</p> <p>Unless agreed otherwise, Fire tools kept at each Active Landing shall be sufficient to equip all employees in the felling, yarding, loading, chipping, and material processing operations associated with each landing. Fire equipment shall include two tractor headlights for each tractor dozer used in Purchaser's Operations. Tractor headlights shall be attachable to each tractor and served by an adequate power source. Fire tools shall be kept in a sealed fire tool box adjacent to the Active Landing and readily accessible in event of fire.</p> <p>Where cable yarding is used, Purchaser shall provide a size 0 or larger shovel with an overall length of not less than 46 inches and a serviceable 5 gallon backpack pump filled with water or a fire extinguisher bearing a label showing at least a 4-A rating must be within 25 feet of each tail and corner block.</p> <p>Trucks, tractors/skidlers, pickups and other similar mobile equipment shall be equipped with and carry at all times a size 0 or larger shovel with an overall length of not less than 46 inches and a 2-1/2 pound axe or larger with an overall length of not less than 28 inches.</p> <p>All required fire tools shall be maintained in suitable and serviceable condition for fire fighting purposes.</p> |
| <u>B. Fire Extinguishers</u>           | <p>Purchaser shall equip each internal combustion yarder, fuel truck, and loader with a (4-A:60-B:C) fire extinguisher for oil and grease fires.</p> <p>Skidders and tractors shall be equipped with a minimum 5-BC fire extinguisher.</p> <p>Fire extinguishers shall be mounted, readily accessible, properly maintained and fully charged.</p> <p>Purchaser shall equip all mechanized harvesting machines and log processors with hydraulic systems, powered by an internal combustion engine (e.g. masticator, chipper, feller/buncher, harvester, forwarder, Hot Saw, stroke delimber, etc), with at least two 4-A:60-B:C fire extinguishers or an acceptable CAFS substitute identified in Section K.</p>   |
| <u>C. Spark Arresters and Mufflers</u> | <p>Except for tractors and other equipment with exhaust-operated turbochargers, Purchaser shall equip each operating tractor and any other internal combustion engine with an approved spark arrester. There shall be no exhaust bypass on any system.</p>   |

Spark Arresters shall be a model tested and approved under Forest Service Standard 5100-1a as shown in the National Wildfire Coordinating Group Spark Arrester Guide, Volumes 1 and 2, and shall be properly mounted and maintained according to manufacturer's specifications.

Every motor vehicle subject to registration shall at all times be equipped with an adequate exhaust system meeting the requirements of the California Vehicle Code.

D. Power Saws

Each power saw shall be equipped with a spark arrester approved and maintained in effective working order as identified in the Spark Arrestor Guide in Section C. above and according to applicable parts of CPRC Section 4442 or 4443. An Underwriters Laboratories (UL) approved fire extinguisher containing a minimum 14 ounces of fire retardant shall be kept with each operating saw.

A size 0 or larger shovel with an overall length of not less than 38 inches shall be kept with each gas can, but not more than 300 feet from each power saw when used off cleared landing areas.

E. Fire Supervisor & Fire Patrolperson

Purchaser shall designate in the fire plan required by BT7.1 and furnish on Sale Area during operating hours a fire supervisor, named in writing and authorized to act on behalf of Purchaser in fire prevention and suppression matters.

Unless agreed otherwise, Purchaser shall furnish and designate in writing, a Fire Patrolperson each operating day when Project Activity Level C or higher is in effect. When on duty, the Fire Patrolperson is required to patrol the operation for the prevention and detection of fires, to take suppression action where necessary and to notify Forest Service as required under Sections I. Reporting Fires and L. Communications. This Fire Patrol is required on foot, unless otherwise agreed.

By written agreement, one Fire Patrolperson may provide patrol on this and adjacent projects or sales. No Fire Patrolperson shall be required on Specified Road construction jobs except during clearing operations unless otherwise specified.

F. Seasonal Permits

Purchaser shall obtain written permits from Forest Service before allowing welding, warming fires or burning, subject to CT7.22# - Emergency Precautions.

G. Clearing of  
Fuels

Purchaser shall clear away, and keep clear, fuels and logging

|   |   |
|---|---|
| Welding equipment and stationary log loaders, yarders and other equipment listed in California State Law: | 10 feet slope radius  |
| Tail or corner haulback blocks:   | All running blocks on a cable yarding operation shall be located in the center of an area that is cleared to mineral soil at least 15 feet in diameter. |
| Lines near, between or above blocks:  | Sufficient clearing to prevent line from rubbing on snags, down logs and other dead woody material.   |

debris as follows:

H. Smoking

All smoking shall be confined within a car, truck, crew rig or other enclosed cab after 1:00 PM on Ev days and all hours on E days (CT7.22#). At other times, any smoking shall be done while sitting in an area at least 3 feet in diameter, cleared of flammable materials. Burning tobacco and matches shall be extinguished before they are properly disposed.

I. Reporting  
Fires

As soon as feasible, but no later than 15 minutes after discovery, Purchaser shall notify Forest Service of any fires on Sale Area or along roads used by Purchaser.

J. Tank Truck

Purchaser shall provide a water tank truck or trailer on or in proximity to Sale Area during Purchaser's Operations hereunder during Fire Precautionary Period unless otherwise agreed.

Tank truck or trailer shall contain at least 300 gallons of water and comply with the following requirements:

(1) Pump, which at sea level, can deliver 23 gallons per minute at 175 pounds per square inch measured at the pump outlet. Pumps shall be tested on Sale Area by Forest Service using a 5/16 inch orifice with a one inch in line test kit and shall meet or exceed the pressure values identified in the following table for nearest temperature and elevation:

| T<br>e<br>m<br>p | Sea<br>Leve<br>l |             | 1000<br>Feet |             | 2000<br>Feet |             | 3000<br>Feet |             | 4000<br>Feet |             | 5000<br>Feet |             | 6000<br>Feet |             | 7000<br>Feet |             | 8000<br>Feet |             | 9000<br>Feet |             | 10000<br>Feet |             |
|------------------|------------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|---------------|-------------|
| 55               | 179              | 23          | 174          | 23          | 169          | 23          | 165          | 22          | 161          | 22          | 157          | 22          | 153          | 22          | 150          | 21          | 146          | 21          | 142          | 21          | 139           | 21          |
| 70               | 175              | 23          | 171          | 23          | 166          | 22          | 162          | 22          | 158          | 22          | 154          | 22          | 150          | 21          | 147          | 21          | 143          | 21          | 139          | 21          | 136           | 20          |
| 85               | 171              | 23          | 168          | 23          | 163          | 22          | 159          | 22          | 155          | 22          | 151          | 21          | 147          | 21          | 144          | 21          | 140          | 21          | 136          | 20          | 133           | 20          |
| 100              | 168              | 23          | 164          | 23          | 159          | 22          | 155          | 22          | 152          | 22          | 148          | 21          | 144          | 21          | 141          | 21          | 137          | 20          | 133          | 20          | 131           | 20          |
|                  | P<br>S<br>I      | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I  | G<br>P<br>M | P<br>S<br>I   | G<br>P<br>M |

The pump outlet shall be equipped with 1-1/2 inch National Standard Fire Hose thread. A bypass or pressure relief valve shall be provided for other than centrifugal pumps.

(2) 300 feet of 3/4-inch inside diameter rubber-covered high-pressure hose mounted on live reel attached to pump with no segments longer than 50 feet, when measured to the extreme ends of the couplings. Hose shall have reusable compression wedge type 1-inch brass or lightweight couplings (aluminum or plastic). One end of hose shall be equipped with a coupling female section and the other end with a coupling male section. The hose shall, with the nozzle closed, be capable of withstanding 200 PSI pump pressure without leaking, distortions, slipping of couplings, or other failures.

(3) A shut-off combination nozzle that meets the following minimum performance standards when measured at 100 P.S.I. at the nozzle:

|                    | G.P.M. | Horizontal<br>Range |
|--------------------|--------|---------------------|
| Straight<br>Stream | 10     | 38 feet             |
| Fog Spray          | 6 - 20 | N/A                 |

(4) Sufficient fuel to run pump at least 2 hours and necessary service accessories to facilitate efficient operation of the pump.

(5) When Purchaser is using Hot Saws or Masticators an additional 250 feet of light weight hose, approved by Forest Service, shall be immediately available for use and be capable of connecting to the 300 feet of hose and appurturances in (2) and (3) above.

(6) This equipment and accessories shall be deliverable to a fire in the area of operations and is subject to the requirements for each specific activity level identified in CT7.22#.



K. Compressed Air  
Foam System  
(CAFS)

A fire suppression system where compressed air is added to water and a foaming agent. By agreement, Purchaser may substitute a CAFS or functional equivalent in lieu of the tank truck, trailer or fire extinguishers, provided it meets or exceeds the following specifications and requirements:

1. Variable foam expansion ratio - 10:1 to 20:1.
2. Units shall be kept fully charged with air; water and foam concentrate as recommended by the manufacturer and have the appropriate tools to service the system.
3. The unit shall contain enough energy to empty tank and clear hose prior to exhausting propellant.
4. The unit shall be capable of being completely recharged within 10 minutes.
5. When used on cable yarding landings, the unit shall be outfitted for immediate attachment to carriage and transported without damage to the unit.

Fire extinguishers required for Hot Saws, Masticators and similar equipment identified in Section B. above may be substituted with a 3 gallon CAFS.

Tank truck, trailer or equivalent may be substituted with a 30 Gallon CAFS with at least 550 feet of one inch hose and an adjustable nozzle with enough water, air and foam concentrate for at least one recharge.

This equipment and accessories shall also be deliverable to a fire in the area of operations and subject to the requirements for each specific activity level identified in CT7.22#.

L. Communications

Purchaser shall furnish a serviceable communications system such as a telephone, radio-telephone, radio system or satellite phone connecting each operating side within the Sale Area with Purchaser's headquarters, and capable of notifying Forest Service within 15 minutes of discovery of any fires on the Sale Area or along Purchaser's haul route. When such headquarters is at a location which makes communication to it clearly impractical, Forest Service may agree to a reasonable alternative notification method.

A Citizen's Band (CB) radio is not acceptable communications.

M. Cable Yarding  
Tank Unit

When all or part of Included Timber will be harvested by a long span (over 1,500 feet) cable yarding operation, Purchaser shall provide at each active cable yarding landing a tank truck, trailer or acceptable CAFS substitute which can be lifted and transported by the carriage.

The unit shall meet the same requirements as specified for the tank truck, trailer or approved CAFS substitute.

N. Helicopter  
Yarding Fire  
Precautions

Purchaser shall provide and maintain fire equipment as follows:

1. The fire tool box required under this provision shall be equipped for attachment to the helicopter long line so that it may be hauled to needed locations. Such attachment device shall not interfere with access to fire tools. Unless agreed otherwise, the fire tool box shall be located at the Active Landing ready for immediate dispatch.
2. An external helibucket readily attachable to the helicopter, with a capacity of at least 500 gallons, and having a remote control door mechanism adequate for rapid dropping of water. The helibucket shall be located at the helicopter service landing and shall be filled with water ready for immediate dispatch unless otherwise agreed.
3. All aircraft used in conjunction with Purchaser's Operations shall be equipped with an operable radio system capable of meeting Region Five avionics requirements.
4. For protection of fuel servicing operations, fire extinguishers which have the following ratings based on the open hose discharge capacity, i.e., "broken hose," of the aircraft fueling system shall be readily available:
  - a. Where said capacity does not exceed 200 gallons per minute, at least one approved extinguisher having a minimum rating of 20-B;
  - b. Where said capacity is in excess of 200 gallons per minute, but not over 350 gallons per minute, one approved extinguisher having a minimum rating of 80-B;
  - c. Where said capacity is in excess of 350 gallons per minute, two approved extinguishers, each having a minimum rating of 80-B.
5. By agreement, a suitable CAFS may also be used in lieu of the above extinguishers.
6. Extinguishers of over 50 pounds gross weight shall be of wheeled type or be mounted on carts to provide mobility and ease of handling.

PROJECT ACTIVITY LEVEL (PAL) - CT7.22# - EMERGENCY PRECAUTIONS**PROJECT ACTIVITY LEVEL TABLE**

| <b>Level</b> | <b><i>Project Activity Minimum Requirements and Restrictions. Restrictions at each level are cumulative.</i></b>  |
|--------------|---|
| <b>A</b>     | Minimum required by CT7.2#.   |
| <b>B</b>     | 1. Tank truck, trailer, or approved CAFS substitute shall be on or adjacent to the Active Landing.  |
| <b>C</b>     | 1. When Hot Saws or Masticators are operating, a tank truck, trailer or approved CAFS substitute shall be within $\frac{1}{4}$ mile of these operations. Effective communications shall exist between the operator and the Active Landing.<br>2. Immediately after Mechanical Operations cease, Fire Patrol is required for two hours.  |
| <b>D</b>     | 1. Immediately after Hot Saw or Masticator operations cease, Fire patrol is required for three hours.<br>2. No Dead Tree felling after 1:00 PM, except recently dead.<br>3. No Welding or cutting of metal after 1:00 PM, except by special permit.   |
| <b>Ev</b>    | 1. The following activities may operate all day: <ul style="list-style-type: none"> <li>a) Loading and hauling logs decked at approved landings.</li> <li>b) Loading and hauling chips stockpiled at approved landings.</li> <li>c) Servicing equipment at approved sites.</li> <li>d) Dust abatement, road maintenance (Chainsaw use prohibited), culvert installation within cleared area, chip sealing, paving, earth moving or rock aggregate stock pile loading and installation (does not include pit or quarry development).</li> <li>e) Chainsaw and log processing operations associated with loading logs or other forest products at approved landings.</li> </ul> 2. Hot Saws or Masticators may operate until 1:00 PM; provided that: <ul style="list-style-type: none"> <li>a) A tractor or other equipment with a blade capable of constructing fireline is on or adjacent to the active landing or within <math>\frac{1}{4}</math> mile of the operating equipment. This piece of equipment shall have effective communication with the Hot Saw or Masticator.</li> <li>b) Any additional restrictions specified by the Forest.</li> </ul> 3. All other conventional Mechanical Operations are permitted until 1:00 PM. |

|          |  |
|----------|--|
|          | <p><b>4. Some operations may be permitted after 1:00 PM, on a case-by-case basis, under the terms of a PAL Ev Variance Agreement. Activities for which a Variance may be issued are:</b></p> <ul style="list-style-type: none"> <li>• Rubber Tire Skidding</li> <li>• Chipping on Landings</li> <li>• Helicopter Yarding</li> <li>• Fire Salvage</li> </ul> <p>When approved by a Line Officer, a Variance Agreement can be implemented when the criteria specified in the agreement are met and mitigation measures are in place. This approval is good for ten (10) days unless cancelled sooner or extended by the Contracting Officer for an additional ten (10) days. Variance approval can be withdrawn at the sole discretion of Forest Service. Variance approval is contingent on the 7-day fire weather forecast, fuel conditions, site characteristics, current fire situation, state of Purchaser's equipment for prevention and suppression readiness, type of operation and social and community considerations etc. (See attached Project Activity Level Variance Agreement).</p> |
| <b>E</b> | <p>The following activities may operate all day:</p> <ol style="list-style-type: none"> <li>1. Loading and hauling logs decked at approved landings.</li> <li>2. Loading and hauling chips stockpiled at approved landings.</li> <li>3. Servicing Equipment at approved sites.</li> <li>4. Dust abatement, road maintenance (chainsaw use prohibited) or loading stock piles and rock aggregate installation (does not include pit or quarry development).</li> <li>5. Chainsaw operation associated with loading at approved landings.</li> </ol> <p>All other activities are prohibited.</p>   |

Project Activity Level Climatology

| Station/SIG/Unit | Mt Elizabeth (High South)                     |   |    |    | Years Analyzed |   | 2003-2014     |
|------------------|---|---|----|----|----------------|---|---------------|
|                  | A   | B | C  | D  | Ev             | E | Days Analyzed |
| Month            | Expected days per month at expected PAL Value |   |    |    |                |   |               |
| June             | 2   | 5 | 13 | 6  | 4              | 0 | 360           |
| July             | 0   | 1 | 11 | 11 | 9              | 0 | 372           |
| August           | 0   | 0 | 5  | 12 | 12             | 2 | 372           |
| September        | 0   | 2 | 7  | 8  | 10             | 3 | 360           |
| October          | 3   | 8 | 10 | 4  | 5              | 0 | 372           |
|                  |   |   |    |    |                |   | 1836          |

SPECIFICATIONS PURSUANT TO CT7.22# - EMERGENCY PRECAUTIONS. (10/2010)**Region 5 Project Activity Level (PAL) Ev Variance Application/Agreement**

Project Name: \_\_\_\_\_  
 Contract Number: \_\_\_\_\_  
 Purchaser/Contractor Name: \_\_\_\_\_  
 Request #\_\_, for period: \_\_\_\_\_  
 Units/Subdivisions Affected: \_\_\_\_\_

|   |  |
|---|--|
| <b>Location of operation:</b>   |  |
| Slope   |  |
| Aspect  |  |
| Elevation   |  |
| Fuels on site   |  |
| Fuels in surrounding area   |  |
| 7 Day PAL Outlook   |  |
| Short range predictions (Red Flags)   |  |
| <i>Fuel Moistures</i>   |  |
| Response time of suppression resources  |  |
| Potential for ignition  |  |
| RAWS location   |  |
| <b>Current Fire Situation:</b>  |  |
| Draw down information   |  |
| National Readiness Level  |  |
| <b>Contractual considerations:</b>  |  |
| Normal Operating Season   |  |
| Frequency of recent contract fires in area  |  |
| Type of operation   |  |
| Purchaser/Contractors past/current performance & equipment readiness                |  |
| Other site specific mitigation or precaution (i.e. Purchaser/Contractors proposals) |  |
| <b>Social &amp; Community Considerations:</b>                                       |  |
| Proximity of high value resources   |  |
| Sensitivity of location   |  |
| <b>Remarks:</b>   |  |
|   |  |

**Ev Proposed Actions**

☐ Rubber Tired Skidding

☐ Chipping on Landings

☐ Helicopter Yarding

☐ Fire Salvage

**Description of Mitigation Measures**

\_\_\_\_\_  
Fire Management Officer Concurrence

\_\_\_\_\_  
Date

\_\_\_\_\_  
Line Officer Approval

\_\_\_\_\_  
Date

I have considered the above request and determined the specified mitigation measures or actions must be implemented to continue operations in Project Activity Level Ev. Unless extended, the approval remains in effect for ten (10) calendar days unless cancelled sooner or extended by the Forest Service for an additional ten (10) days. At the sole discretion of the Forest Service, this variance can be modified and/or cancelled at no cost to the government.

\_\_\_\_\_  
Contracting Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Purchaser/Contractor Rep.

\_\_\_\_\_  
Date